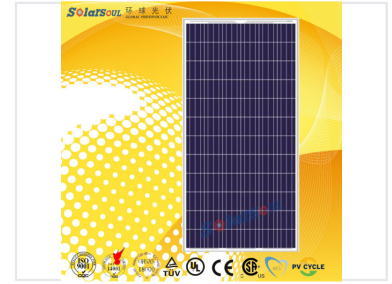


# 285W Polycrystalline Solar Panel

This 285W solar panel is designed for efficient solar energy conversion. Constructed with high-quality polycrystalline silicon cells, the panel ensures reliable performance and durability.



## Overview

### High-Efficiency 285W Polycrystalline Panel

This 285W polycrystalline solar panel is designed for reliable energy conversion in residential, commercial, and industrial applications. Built for durability, it features an anodized aluminum alloy frame and is rigorously tested to meet international standards including TUV, CE, and UL. With a 10-year product warranty and 100% TUV standard flash testing, this module offers a dependable and sustainable solution for your power generation needs.

## Electrical Characteristics

Maximum Power (STC)	285 W
Open Circuit Voltage (Voc)	44.7 V
Maximum Power Voltage (Vmp)	36.1 V
Short Circuit Current (Isc)	8.53 A
Maximum Power Current (Imp)	7.9 A

## Mechanical Specifications

Number of Cells	72 (6x12)
Dimensions	1956 x 992 x 45 mm
Weight	22.5 kg
Frame Construction	Anodized Aluminum Alloy, 45mm thickness with drainage

## Performance & Limits

### Load Capacity

**5400 Pa**  
Snow Load

**2400 Pa**  
Wind Load

Conversion Efficiency	15.2 %
Maximum System Voltage	1000 V DC
Operating Temperature	-40 to +85°C

## Certifications

### Certifications

CE • TUV • UL • ISO 9001 • ISO 14001 • OHSAS 18000 • MCS • PV CYCLE